

SEQUENCE LISTING

<110> Nakao, Kazuwa

<120> Therapeutic or prophylactic agent for arthritis

<130> PH-2442-PCT

<150> JP 2004-107924

<151> 2004-03-31

<160> 10

<170> PatentIn Ver. 2.1

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<211> 22

<212> PRT

<213> Homo sapiens

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<221> DISULFID

<222> (6)..(22)

<223> A disulfide bond is formed

<400> 1

Gly Leu Ser Lys Gly Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser

1

5

10

15

Met Ser Gly Leu Gly Cys

<210> 2

<211> 53

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<213> Homo sapiens

<220>

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<223> A disulfide bond is formed

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Asp Leu Arg Val Asp Thr Lys Ser Arg Ala Ala Trp Ala Arg Leu Leu
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Gln Glu His Pro Asn Ala Arg Lys Tyr Lys Gly Ala Asn Lys Lys Gly
20 25 30

Leu Ser Lys Gly Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met
35 40 45

Ser Gly Leu Gly Cys

50

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<213> Artificial Sequence

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<223> A disulfide bond is formed

<400> 3

Gly Leu Ser Lys Gly Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ala

1

5

10

15

Met Ser Gly Leu Gly Cys

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Gly Leu Ser Lys Gly Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser

1

5

10

15

Gln Ser Gly Leu Gly Cys

20

<210> 5

<211> 22

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<223> A disulfide bond is formed

<400> 5

Gly Leu Ser Lys Gly Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser

1

5

10

15

Ala Ser Gly Leu Gly Cys

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<223> A disulfide bond is formed

<400> 6

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly

1

5

10

15

Cys

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<211> 23

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<223> A disulfide bond is formed

<400> 7

Ser Leu Arg Arg Ser Ser Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly

1

5

10

15

Ser Met Ser Gly Leu Gly Cys

20

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<211> 27

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<222> (6)..(22)

<223> A disulfide bond is formed

<400> 8

Gly Leu Ser Lys Gly Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser

1

5

10

15

Met Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr

20

25

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<212> PRT

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<222> (1)..(17)

<223> A disulfide bond is formed

<400> 9

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Gln Ser Gly Leu Gly

1

5

10

15

Cys Asn Ser Phe Arg Tyr

<210> 10

<211> 17

<212> PRT

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<221> MUTAGEN

<222> (4)..(4)

<223> Xaa is Leu, Ile, or Val

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<221> MUTAGEN

<222> (5)..(5)

<223> Xaa is Lys, Leu, or Met

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<222> (6)..(6)

<223> Xaa is Leu, Ile, Ala, or Val

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<222> (11)..(11)

<223> Xaa is Ser, Ala, Gly, Thr, or Asn

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<222> (12)..(12)

<223> Xaa is Met, Ala, Trp, His, Lys, Ser, or Gly

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<222> (12)..(12)

<223> Xaa is Met, Ala, Trp, His, Lys, Ser, or Gly

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<221> MUTAGEN

<222> (14)..(14)

<223> Xaa is Gly, Lys, Ala, or Leu

<220>

<221> MUTAGEN

<222> (15)..(15)

<223> Xaa is Leu or Met

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<221> DISULFID

<222> (1)..(17)

<223> A disulfide bond is formed

<400> 10

Cys Phe Gly Xaa Xaa Xaa Asp Arg Ile Gly Xaa Xaa Ser Xaa Xaa Gly

1

5

10

15

Cys